

Aquaguard®

ENHANCE UV

What Other Purifiers Aspire To Be



Aquaguard Enhance UV
What Other Purifiers Aspire To Be

USER MANUAL



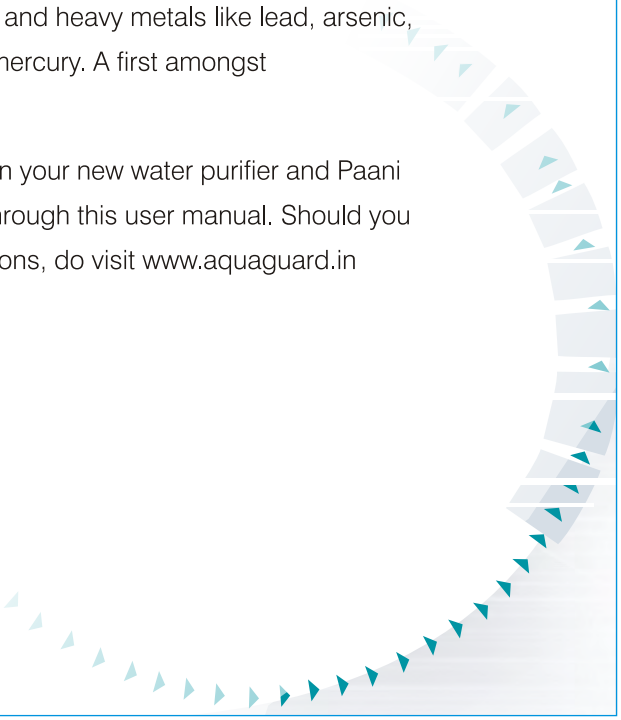
Dear Customer,

Thank you for welcoming Aquaguard Paani ka Doctor into your home.

The Aquaguard Enhance UV is the world's smartest water purifier. The Aquaguard Enhance UV comes with a six-stage enhanced purification process. This makes certain that the water you drink is absolutely pure and crystal clear. Its smart auto-fill technology assures you purified water on tap by purifying and storing water on its own. Ensuring that you and your family always have pure and safe drinking water irrespective of water and power supply fluctuations.

What's more, it offers you complete protection from new age contaminants and heavy metals like lead, arsenic, iron, magnesium and mercury. A first amongst UV water purifiers.

For more information on your new water purifier and Paani ka Doctor, please go through this user manual. Should you have any further questions, do visit www.aquaguard.in



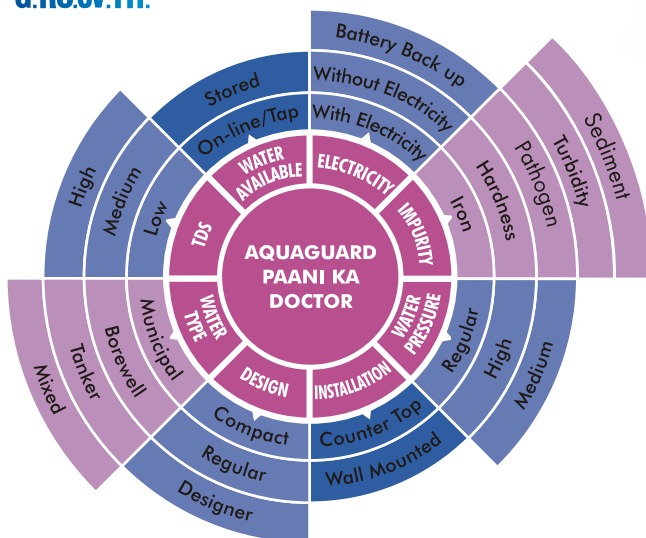
Contents

Why Aquaguard Paani ka Doctor?	1
Tomorrow's Water Purifier, Delivered Today	3
Here's why your Aquaguard Enhance UV is important	4
Know your Aquaguard Enhance UV	5
How your Aquaguard Enhance UV works	6
Installing Your Aquaguard Enhance UV	7
Here's how your Aquaguard Enhance UV works	8
Your Aquaguard Enhance UV gives you more	9
Step-by-step guide to pure drinking water	10
Maintaining your Aquaguard Enhance UV	11
Technical Specifications	13
The Aquaguard Advantage	14
Important Suggestions	15
Questions you may have about your Aquaguard Enhance UV	16

Why Aquaguard Paani ka Doctor?

Only Aquaguard Paani ka Doctor has:

- Over 30 years of excellence
- The trust of over 10 million families
- 7 technologies that cure 17 water conditions
Technology equipped to purify borewell, mixed, tanker, municipal, stored and tap water
- Backing of more than 105 water-testing labs worldwide
- Over 1,000 service centres across the country located within a 5 km radius of your home
- Endorsed by the Indian Medical Association
- **G.ROW.TH.**





G.ROW.TH. stands for Global. Reverse Osmosis. UltraViolet. Taste Heightener. A combination of world-class technologies present individually or collectively in our range of water purifiers.

G.ROW.TH. | GLOBAL TECHNOLOGY: Aquaguard uses latest international technologies to purify your water. Giving you the safest water in the world, every time.

G.ROW.TH. | REVERSE OSMOSIS: Guarantees pure water in areas where TDS (Total Dissolved Solids) is high. Green RO ensures maximum output of water with minimum wastage. Aquaguard is the No.1 seller of water purifiers with the latest RO technology.

G.ROW.TH. | ULTRAVIOLET: **e-boiling+**™ uses UV rays to keep water pure in areas where TDS content is low. Aquaguard is the No.1 seller of water purifiers with the latest in UV technology.

G.ROW.TH. | TASTE HEIGHTENER: A unique feature found in our water purifiers that allows you to balance the taste of water to your liking. Another first from Aquaguard.

Tomorrow's Water Purifier, Delivered Today.

We understand that when it comes to your family's health and well-being, there can be no compromises. And we do everything we can to help. Which is exactly the reason why Aquaguard Paani Ka Doctor is proud to offer you Aquaguard Enhance UV. The world's smartest UV water purifier.

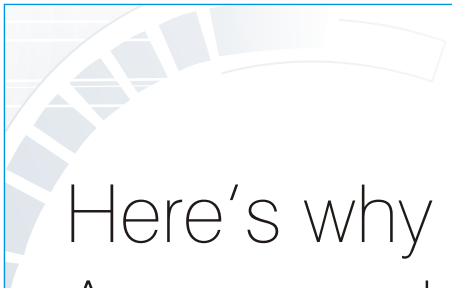
The Aquaguard Enhance UV comes with a six-stage enhanced (UV+UF) purification process. This ensures that the water you drink is absolutely pure and crystal clear.

What's more, it offers you complete protection from new age contaminants and dreaded heavy metals like lead, arsenic, iron, magnesium and mercury. A first amongst UV water purifiers.

Its smart auto-fill technology further assures you purified water on tap irrespective of whether water supply and power supply are present at that particular time. So you no longer have to store water and keep filling bottles.

Now, go ahead and make the smart choice. Enhance protection for your family.





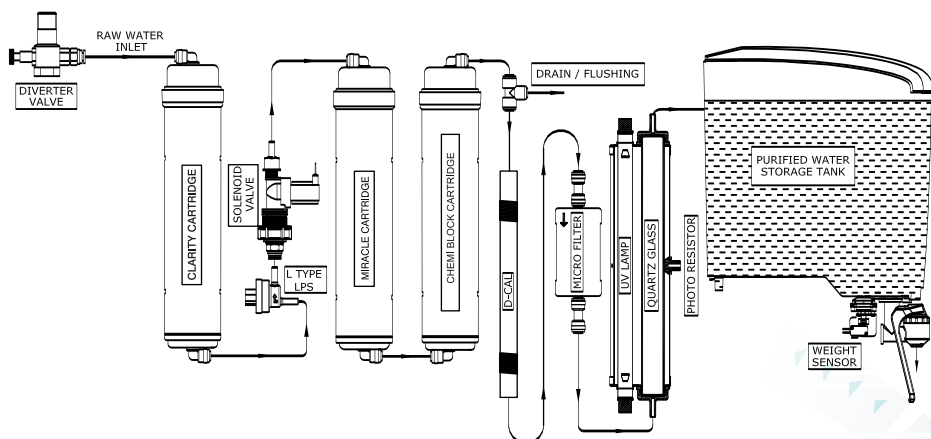
Here's why your Aquaguard Enhance UV is important

Today, because of industrialisation, drinking water is likely to be polluted with hazardous chemicals like pesticides, residue and biological contaminants. These can affect the kidneys, liver, bones and the digestive system. In severe cases, it can also cause diseases like typhoid, hepatitis and dysentery.

Your Aquaguard Paani ka Doctor removes these dangerous contaminants from your water. Ensuring that your family gets drinking water that's great to taste and free from harmful impurities.

Know your Aquaguard Enhance UV

AQUAGUARD ENHANCE UV WATER PURIFIER
(WATER FLOW DIAGRAM)



Note: This is a schematic illustration of the product to give a visual scheme of the working of the unit.
This is not an actual engineering drawing of the product.



How your Aquaguard Enhance UV works

Stage 1

Clarity Cartridge

Removes fine suspended particles such as dust, dirt, mud and sand from water.

Stage 2

Miracle Cartridge

Removes heavy metals from water. Specially formulated superior absorbent 'The Miracle Substance' derived by a Patented Technology of treating activated media.

Stage 3

Chemi Block

Removes excess chlorine, bad odour, colour and organic impurities. It also removes pesticides and very fine turbidity causing particles.

Stage 4

D-Calcifier

Electronic impulses are produced to prevent scaling on quartz glass tube of UV reflector housing.

Stage 5

Ultra Filter

Capillary tube type membrane-based technology that imparts crystal clear clarity to drinking water in addition to making the water safe from bacteriological contamination.

Stage 6

UV Treatment

UV disinfects the water by eliminating waterborne disease-causing bacteria, virus and protozoa, thereby making it safe to drink.

Installing Your Aquaguard Enhance UV

- Install it in a dry, ventilated place, keeping it away from direct sunlight, heating devices or areas below freezing temperature
- Connect it to only cold tap water. Filters can be damaged if connected to hot tap water. Make sure that the tap water pressure and temperature is between 0.6-2.0 kg/cm² and 5°C - 45°C respectively
- Make sure that the purifier is installed within the distance of 1.0 M from the tap water supply. The purifier is for 230V only, so make sure that it is connected to 230 V power outlets. Do not install the purifier in a place where water or rain could leak into the unit (outdoors, etc.)
- Aquaguard Enhance UV can be kept on the kitchen counter or can be wall-mounted using a stand
- In case the water pressure is higher than the maximum specified, use of a pressure reducing valve is recommended
- Sequence to be followed for flushing:
 - (a) Remove the drain plug and snug fit the drain pipe (blue pipe) provided with the installation kit. Keep the other end of the pipe in the drain
 - (b) Turn On the diverter valve and switch On the unit. Flush at least 10 litres water through the pipe and switch off the unit when the water becomes clear. Close the diverter valve. Put back the end plug in its place (drain connector of the unit)
- Turn on the water supply and switch on the unit. Let the storage tank get completely filled and then discard this first fill
- Now, the unit is ready for regular use

Here's how your Aquaguard Enhance UV works

The multi-stage Purification Process in your Aquaguard Enhance UV

Stage	Treatment	Material	Benefits
1.	Clarity Cartridge	Polypropylene based depth filter cartridge	Removes fine suspended particles such as dust, dirt, mud and sand from water.
2.	Miracle Cartridge	Specially formulated superior absorbent. The Miracle Substance derived by a Patented Technology of treating activated media	Removes heavy metals from water.
3.	Chemi Block	Bacteriostatic Activated Carbon Block	Removes excess chlorine, bad odour, colour and organic impurities. It also removes pesticides and very fine turbidity causing particles.
4.	D-Calcifier	Microcontroller-based electronic impulse producer	Electronic impulses are produced to prevent scaling on quartz glass tube of UV reflector housing.
5.	Ultra Filter	UF hollow fibre	Capillary tube type membrane-based technology that imparts crystal clear clarity to drinking water in addition to making the water safe from bacteriological contamination.
6.	UV Treatment	Germicidal UV Lamp 8 watt	UV disinfects the water by eliminating waterborne disease-causing bacteria, viruses and protozoa, thereby making it safe to drink.

Your Aquaguard Enhance UV gives you more



Enhanced Treatment (UV&UF)+:

The six-stage water purification system ensures your drinking water is always safe, pure and crystal clear. Free from disease-causing bacteria, virus and protozoa.



Enhanced Protection+:

Complete protection from new age contaminants – lead, pesticides, arsenic, mercury and other heavy metals. A feature only available with Aquaguard Enhance UV.



Enhanced Storage+:

Freedom from storing purified water in containers thereby ensuring purified water on tap at all times.



Smart Indicators:

Helps the user identify the different modes of the purifier (Power On/Off, Purification Process, UV Fault and Power Saver Mode) through LED and buzzer indications.



Smart Auto-Fill:

Ensures water is filled automatically in the storage tank, so that you do not run out of pure drinking water ever.



D-Calcifier:

Micro-controller-based electronic impulse producer prevents scaling on quartz glass tube of UV reflector housing. Keeping your water purifier functioning effectively.



Smart Auto Shut-off:

Automatically shuts down the water flow into the tank in case the advanced software of the unit detects any anomaly in the UV system and alerts the user. Thereby, ensuring safe water at all times.



Dual Flow Tap:

Two-way tap to control the flow of purified water.

Step-by-step guide to pure drinking water

Indications & Controls


- Power ON/OFF indication by LED
- Purification Process indication by LED
- UV Fault indication LED & Beep sound
- Power saver mode indication by LED and Beep
- A weight sensor is provided to stop the filtration process when the storage tank is full
- LPS is provided to switch off the unit in case of unavailability of supply water
- D-Calcifier to prevent scale deposition on QG Glass

Working of the unit

1. Fit cord plug of the unit into the power socket and turn the switch ON to start the unit.
2. When the power to the unit is turned ON, the dual LED would glow RED for 5 sec. indicating that power is on. After 5 sec. it will get off.
3. Then after a wait of 25 sec. dual LED would start to glow in GREEN and three beeps will sound which indicates the enabling of the Solenoid Valve and thereby pure water starts flowing into the storage tank.

NOTE – If water pressure is low then LPS would shut down the Lamp and SV. The LED would remain OFF in this state. As soon as the water supply resumes, the unit will start afresh.

4. When the tank gets full, the weight sensor switch would trigger the deactivation of the Solenoid Valve and thus stop the water flow to the tank. If the water from the tap is not drawn then after 10 min. the unit would go into power saver mode (i.e. UV lamp will turn off) which is indicated by three beeps and blinking of LED in green colour at the completion of 10 min. of idle state.
5. Fault condition: In case of any error in the UV system, the LED would start blinking in RED colour along with a beep. During this condition the unit will not deliver water in the storage tank. The beep will stop after 10 min. but blinking will continue.



Maintaining your Aquaguard Enhance UV

Tips for a long relationship with your Aquaguard Enhance UV

1. The key word is cleanliness

Keep the area around your Aquaguard Enhance UV clean and dry. Wipe your Aquaguard Enhance UV with a soft cloth once in a while. Keep the spout clean.

2. Keep the Clarity Cartridge clean

To ensure that the Clarity Cartridge works well, have it thoroughly cleaned by the authorised service technician during every service visit.

3. Clean the Chemi Block and Miracle Cartridge

To ensure that the Chemi Block and Miracle Cartridge work effectively it should be thoroughly cleaned by the authorised service technician during every regular service. Ensure that only genuine spare parts are used during replacement.

Important: It is essential to get your Aquaguard Enhance UV regularly serviced by a trained, authorised Eureka Forbes service technician.

Maintaining your Aquaguard Enhance UV

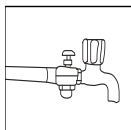
Tips for a long relationship with your Aquaguard Enhance UV

- Get your Aquaguard Enhance UV serviced regularly by an authorised Eureka Forbes service technician only
- Ensure that only genuine spare parts are used
- Simple maintenance and hygiene will help your Aquaguard Enhance UV function better

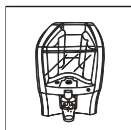
A quick checklist

Problems	Check points	Solutions
Water tastes bad	<ol style="list-style-type: none"> 1. Is the tank clean? 2. Have you kept the purified water in the tank for too long? 3. Is it time to change the filter? 	<p>Clean the storage tank.</p> <p>Disposes off water and clean the tank.</p> <p>Call an authorised Eureka Forbes service technician</p>
Less water has been purified	<ol style="list-style-type: none"> 1. Is the tap water valve closed? 2. Is the tap water pressure too low? 3. Filters maybe clogged or damaged? 	<p>Open the tap water valve.</p> <p>If so, the amount of purified water will be reduced</p> <p>Call an authorised Eureka Forbes service technician</p>
Water doesn't flow into the storage tank	<ol style="list-style-type: none"> 1. Is there water available in the overhead tank? 2. Is the main water supply tap closed? 3. Not sure what is wrong? 	<p>Ensure the overhead tank is filled with water.</p> <p>Ensure the tap is open.</p> <p>Call an authorised Eureka Forbes service technician</p>
Water is leaking	<ol style="list-style-type: none"> 1. Is water coming out of the top cover of the purifier? 	<p>Close the tap water valve, unplug the power cord and call an authorised Eureka Forbes service technician.</p>

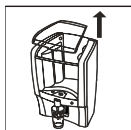
CLEANING AND DISINFECTING THE WATER TANK



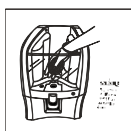
- Close the tap water valve
- Switch off the power



- Keep the top cover in place
- Open the water valve
- Switch the power supply ON
- Let the storage tank get filled up to its capacity
- Drop one chlorine tablet in the water in the storage tank
- After ½ hour, drain this water
- Let the tank get filled with pure water again
- Drain this filling
- Use the water from the second filling onwards for drinking



- Open the top cover and push the tap lever up to drain the tank



- Wipe the inside of the tank with a dry, clean soft cloth

Note:

1. Do not drink chlorinated water from the storage tank.
2. Keep away the chlorine tablets from the reach of children.
3. Do not ingest or put chlorine tablets in to your mouth.

Technical Specifications*

S. No.	Parameters	Specifications
1	Dimensions (W x D x H) in mm	316 x 251 x 462
2	Net Weight	6.3 Kg
3	Storage Tank Capacity	8 Litres
4	Filtration/Purification modules	Clarity Cartridge Miracle Cartridge Chemi Block Cartridge D-Calcifier Micro (UF) Cartridge UV Disinfection System
5	Power Rating	20 Watts
6	Input Water Pressure	0.6kg /cm ² (min.) - 2.0 kg /cm ² (max.)
7	Input Voltage	230 V AC / 50 Hz
8	Input Water Temperature	5 - 45° c
9	Input Water Turbidity	15 NTU (max)
10	Input Water Iron	0.3 ppm (max)
11	Input Water Chlorine	2 ppm (max)

Note: If the pressure is higher than the maximum specified, use of the pressure-reducing valve is required.
This accessory is available with our company at an additional cost.

* Specifications are subject to change without prior notice

** Flow rate depends on input water pressure and condition of the filter

The Aquaguard Advantage



Chosen as India's only Superbrand water purification system



Certified by over 105 labs nationally and internationally



India's only water purification brand to be endorsed by the prestigious Indian Medical Association



Recipient of the UNESCO Water Digest Award for Best Complete Domestic Water Solutions Provider and Best Domestic Water Purifier (RO)



Manufactured at ISO 9001 and 14001 certified manufacturing facilities



Selected as Reader's Digest Most Trusted Brand-Platinum Category



Voted as India's most preferred brand

Important Suggestions

Please do this



Turn off the main switch when you do not intend using your Aquaguard Enhance UV for more than 3-4 days.



Store water from your Aquaguard Enhance UV in clean containers and preferably keep them in the refrigerator. For hygienic reasons it is preferable not to store water for more than 2 days.



We recommend routine check-ups of your Aquaguard Enhance UV at least once in 6 months.



If your Aquaguard Enhance UV has not been used for a long time, drain the stored water from the tank and discard the first tank. From the second filling onwards you can start consuming the water.

Please do not do this



Spill water on any panel of your Aquaguard Enhance UV as this may lead to an electric shock.



Store water from your Aquaguard Enhance UV in matkas and candle filters, as the water can get recontaminated.



Connect ordinary pipes or tubing to the outlet spout to collect water from your Aquaguard Enhance UV.



Use an extension box for power connection.



Connect hot water supply.



Install your Aquaguard Enhance UV close to a gas stove or cooking range.

Questions you may have about your Aquaguard Enhance UV

What makes the Aquaguard water purification systems superior to other water purifiers?

Aquaguard water purifiers are technologically advanced and specifically designed to handle all types of water contamination, from sediments, organics, chemicals, bacteria and virus to new age pollutants like pesticides and VOC. Aquaguard UV water purifiers have the latest Nano Silver technology, unique IQA system, Auto-fill and more. Making them the best-in-class water purification systems.

Which water purification treatment is most suitable?

This depends largely on the quality of your input water. In general the surface water – water from lakes, rivers – is highly contaminated with physical, organic and microbiological impurities. These result in various waterborne diseases. Aquaguard water purifiers effectively handle all the above giving you pure and safe water. However, if your water contains high levels of TDS (Total Dissolved Solids more than 500 mg/litre which can be measured scientifically with a TDS meter), or the water tastes brackish, then you need the Aquaguard RO system.

Does drinking water from Aquaguard make you lose your immunity?

In no way does Aquaguard water affect the immune system. The Aquaguard range of water purifiers is designed to give you and your family absolutely pure water, safeguarding the overall health of your family.

Is UV (UltraViolet) light dangerous and is drinking UV treated water harmful?

The Aquaguard's Intel-e-boiling+ UV Chamber is completely enclosed and the UV light is not allowed to escape. In fact, Aquaguard is ISI certified. Also, UV light has no residual effect in water and hence it is totally safe.

Do you need to boil or filter water from Aquaguard?

Aquaguard is a complete purification system that gives you pure, fresh and safe water. Hence, there is no need to boil or filter the water.

How long and where should one store the water?

Aquaguard water should be stored in a cool, clean place, preferably in steel or glass containers. Avoid matkas or filters as they tend to breed bacteria. Ensure that the storage vessels are rinsed with water from your Aquaguard and the containers are covered with clean lids. For hygienic reasons, it's preferable to replace the stored water after 2 days.

What harm is caused by excess lead and pesticides in drinking water? And what's the solution?

Excess of lead and pesticides in drinking water can create severe health problems. For instance, it can damage the kidneys, the liver, the digestive system and even the brain. And in severe cases, it can reduce the IQ or cause mental retardation. But you can rest assured. Thanks to Aquaguard. It's the only water purifier that provides lead and pesticide safe, pure drinking water for your child. With its world-class innovative technology it totally purifies the water. It thus protects your child from waterborne diseases and harmful effects of pesticides. Ensuring that your child stays totally healthy. Trust only Aquaguard to give your child absolutely safe and pure drinking water.



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SMS 'AG<PINCODE>' to 566775



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